Implementing a Data and Assessment Management System

2013 Nebraska Data Conference

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About the Ralston Public Schools

- · Approximately 3,100 students
- Technology plan: Twelve long-term projects over the next five years
- The role of data in the district
 - Teacher induction and employee evaluation based on evidence of data-based decision making
 - Student achievement part of the principals' compensation package
 - Emphasis on 21st Century thinking skills

Initial Concerns

- · Insufficient use of data
 - Limited access by teachers
 - Primarily focused on standardized assessments
 - Minimal use of local data
 - No visual representations; difficult to translate data into information that easily understood
 - Absence of longitudinal data
- · Uneven knowledge base about data
- · Poor implementation of prior system

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About DataDirector

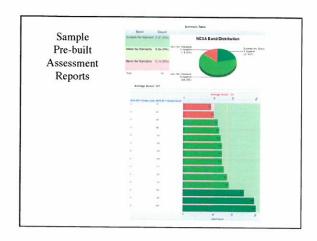
- · Managed by Riverside Publishing
- · Combination of two systems
 - Data warehousing and analysis capabilities
 - Assessment management system
- Online assessment options
- · Assessment item banks available
- Affordable: \$5.25 per student
- Extremely flexible

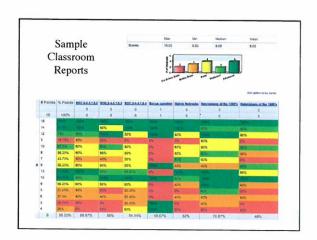
About DataDirector

- · Data warehouse
 - Individual student profiles with longitudinal data (assessment, demographic, behavioral...etc.)
 - Custom and pre-built reports for warehoused data
 - Assessment data disaggregated on multiple levels (district, building, teacher, or student)
 - Teacher analysis by cluster, standard, or item
 - Student search feature allows reporting by multiple student characteristics

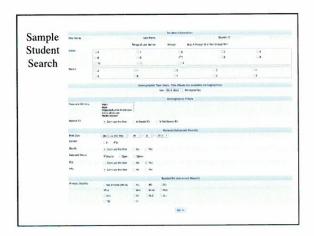
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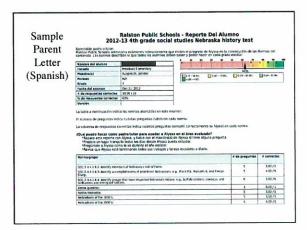
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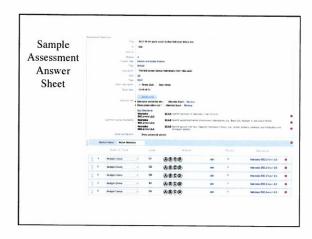
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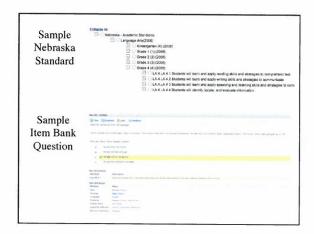




About DataDirector

- · Assessment management system
 - Designed to encourage collaboration and use of common assessments
 - District, personal, and shared assessments
 - Multiple ways to capture data (traditional scanning, image capture, online assessments or manual input)
 - Assessment item banks linked to standards
 - Program feature allows grouping of students with similar characteristics





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Before you begin...

- · Assess your organization:
 - Is the district ready to change? By how much?
 - · Are your principals ready to lead?
- · Understand the district-wide implications
 - Technology (hardware and data management)
 - Curriculum, instruction, and assessment
 - Staff development
 - Parents and students

Primary Obstacles - District

- · Fear among staff members
 - How will the data be used?
 - Changing expectations for teachers and administrators
- · Apathy: "This too shall pass..."
- · Training and support
 - Initial training
 - Ongoing support with multiple resources
 - Introducing the system to new staff members

Primary Obstacles - Riverside

- · DataDirector is relatively new to Nebraska
 - What the heck is NeSA?
 - You haven't adopted the common core?!?
- Uploading standardized, NRT data is time consuming and cumbersome – at least for now
- Ongoing system upgrades (version 4.21.2)
- · Alignment with other Riverside systems
- · You are blazing a trail... you will need patience

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Implications for Technology

- Is the hardware in place?
 - Bandwidth and Internet access
 - How will the data be entered?
 - Sufficient laptops / iPads for online assessments?
- · Managing the system
 - Role of the data steward and/or system manager?
 - Who can access what? (Instructional Coaches?)
 - Duplication of existing systems (e.g., report cards)

Implications for C.I.A.

- Adopt the Common Core? (Item bank)
- · Standards based curriculum
- Does it match classroom instruction?
 - Does it match what's being assessed?
 - Does it match our students' needs?
- · Differentiated instruction as the new norm
- · Easier to implement common assessments
- · Less time on grading, more time thinking

Implications for Staff Development

- · Sole focus for the next two years minimum
- · Current knowledge base
 - Legal and ethical use of data (FERPA)
 - Basic statistical concepts and analysis skills
- · Data as one piece of the puzzle
- · Differentiated staff development options
- · Staff development on differentiating instruction
- · Data driven PLC groups

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Implications for Parents & Students

- Rich, detailed conversations about student achievement and growth
- · Longitudinal data to target areas of concern
- Data to guide course selection and potential career choices (student advisement)
- · Expectations to differentiate instruction
- Student ownership of data: students are now a part of the instructional process

Lessons Learned

- Lay the foundation 6-12 months in advance
 - Discuss your current reality: Is the district ready to change? Are your principals ready to lead?
 - Discuss expectations and how you will monitor the implementation process
 - Begin pre-teaching (FERPA, basic data concepts...)
 - Establish a timeline with milestones and objectives
 - · Classroom: First assessment & first student conversation
 - · Building: First PLC meeting with a common assessment
 - · District: First admin meeting focusing on local data

Lessons Learned

- · Allow time to implement the initial set-up
- This is the only project for the next two years
- · Clear communication with all departments
- Don't skimp on the technology your teachers will use to upload their data
- · Overwhelm your staff with support
 - DataDirector consultants to assist principals
 - Online videos, FAQs, and resource guides
 - Emphasize utilizing Riverside support
 - DataDirector certification for your system manager

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